

Title (en)
PIPE GUIDE ARMS FOR BLIND SHEAR RAMS

Title (de)
ROHRFÜHRUNGSARME FÜR BLINDSCHERBACKEN

Title (fr)
BRAS DE GUIDAGE DE CONDUITE DE VERINS DE CISAILLEMENT POUR STORE

Publication
EP 2535509 A2 20121219 (EN)

Application
EP 12171857 A 20120613

Priority
• US 201161496835 P 20110614
• US 201113339519 A 20111229

Abstract (en)
A pipe shear ram assembly (11) has a housing (73) having a bore (75) extending vertically therethrough for the passage of a pipe string (77). Ram blocks (13, 51) have blades (17, 63) positioned such that one slides over the other when the first and second ram blocks (13, 51) are moved toward each other to shear a well pipe (77). A pair of guide arms (25) extend from one of the rams (13). The guide arms (25) have tips (29) protruding a greater distance than the blade (17). Each of the guide arms (25) has an inboard wedge surface (31) beginning at the tip (29) and extending along a line that intersects the longitudinal axis (28) for guiding the pipe string (77) toward a bore axis (79) of the bore (75) in the event the first and second ram blocks (13, 51) are moved to the closed position.

IPC 8 full level
E21B 33/06 (2006.01)

CPC (source: EP US)
E21B 33/063 (2013.01 - EP US)

Cited by
EP3959415A4; EP3959416A4; WO2020219410A1; WO2020219137A1

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Designated extension state (EPC)
BA ME

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EP 2535509 A2 20121219; EP 2535509 A3 20130828; EP 2535509 B1 20170809; AU 2012203445 A1 20130110; AU 2012203445 B2 20170119; BR 102012014256 A2 20131001; BR 102012014256 B1 20201215; BR 102012014256 B8 20221122; CN 102865049 A 20130109; CN 102865049 B 20160907; MY 156040 A 20151231; SG 186558 A1 20130130; US 2012318493 A1 20121220; US 8464785 B2 20130618

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